



43-959.fm Page 1 Monday, August 16, 1999 3:26 PM



Cat. No. 43-959

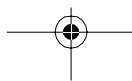
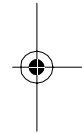
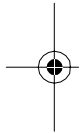


## OWNER'S MANUAL

Please read before using this equipment.

# Caller ID System 350

with Memory Dial



**Radio Shack**





This symbol is intended to alert you to the presence of un-insulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

For your records, we urge you to record the system's serial number in the space below. The serial number is located on the bottom of the system.

Serial Number: \_\_\_\_\_

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## FEATURES

Your Radio Shack Caller ID System 350 offers the latest in telephone technology. The system displays the current date and time, and call information as provided by your local phone company.

The system has these features:

**Caller ID Memory**—stores and displays up to 99 incoming phone numbers, or up to about 50 incoming names and phone numbers (actual capacity depends on information sent).

**VIP Call List with Distinctive Ring**—lets you store the phone numbers and names of up to 20 important callers and set the system to ring with a distinctive tone when those callers call.

**Caller ID Memory Dial**—lets you select a stored phone number from Caller ID memory, then dial it with the touch of a button.

**Review Scrolling**—lets you easily scroll through all call records in Caller ID memory.

**Large Liquid Crystal Display**—displays three full lines of information, including the time and call information.

**Trilingual Operation**—lets you set the system to display messages in English, French, or Spanish.

#### Notes:

- Your system requires four AAA batteries (not supplied) to protect its memory.
- If you subscribe to your phone company's message waiting service, you must connect an optional AC adapter (not supplied) to the system to power the message waiting function.

#### Important Information

- To use the System's Caller ID and message waiting features, you must be in an area where Caller ID and message waiting service is available and you must subscribe to those services.
- Where Caller ID is offered, one or more of the following options are generally available:
  - Caller's number only
  - Caller's name only
  - Caller's name and number

For your System 350's Caller ID memory dial feature to operate, you must receive either the caller's number only or the caller's name and number.

## READ THIS BEFORE INSTALLATION

We have designed your system to conform to federal regulations, and you can connect it to most telephone lines. However, each device that you connect to phone line draws power from the phone line. We refer to this power draw as the device's ringer equivalence number, or REN. The REN is shown on the bottom of your system.

This telephone has been tested and found to comply with all applicable UL and FCC standards.

## FCC STATEMENT

This system complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC Registration Number and the REN to your phone company. These numbers are located on the bottom of your system.

**Note:** You must not connect your system to any of the following:

- Coin-operated systems
- Party-line systems
- Most electronic key telephone systems

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## PREPARATION

### INSTALLING BATTERIES

Your system uses four AAA batteries for power. For the longest operation and best performance, we recommend you use alkaline batteries (Radio Shack Cat. No. 23-555).

The batteries protect the system's memory during power failures. If you do not connect an AC adapter, the batteries also power all system functions except message waiting (see "Connecting an Optional AC Adapter").

#### Cautions:


- Use only fresh batteries of the recommended size and type.
- When you replace the batteries, have fresh batteries on hand before you begin. You must install fresh batteries within 2 minutes after removing the old batteries. Otherwise, you might lose the information stored in the system.
- When you replace the batteries, do not press any buttons on the system after you remove the old batteries. Doing so might erase all stored information from the system.
- Never leave dead or weak batteries in the system.
- Dispose of old batteries promptly; do not bury or burn them.





1. Unplug the system from the telephone line.
2. Use a Phillips screwdriver to loosen the screw in the battery compartment cover on the bottom of the system, and remove the cover.
3. Insert fresh batteries into the compartment as indicated by the polarity symbols (+ and -) marked inside the compartment.
4. Replace the cover and secure it with the screw.

**Notes:**

- The system automatically tests the batteries when it receives each new call.
- When  appears on the display or the display dims, replace the batteries.

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## CONNECTING AN OPTIONAL AC ADAPTER

If you subscribe to a message waiting service, you need an AC adapter (such as Cat. No. 273-1455, not supplied) to power the system.

**Note:** You must also keep fresh batteries in the system to protect the information stored in memory during power failures.

### Cautions:

- You must use an AC adapter that supplies 9 volts DC and at least 50 milliamps. Its center tip must be set to negative, and its plug must correctly fit the system's **DC 9V** jack. The recommended adapter meets these specifications. Using an adapter that does not meet these specifications could damage the system or the adapter.
- Always connect the AC adapter to the system before you plug it into the AC outlet, and unplug the adapter from the AC outlet before you unplug it from the system.

Follow these steps to connect an AC adapter.

1. Insert the AC adapter's barrel plug into the **DC 9V** jack on the back of the system.
2. Plug the other end of the AC adapter into a standard AC outlet.

## RESETTING THE SYSTEM

Before you use the system the first time or to reset the system's clock any time, use a pointed object, such as a straightened paper clip, to press **RESET** on the back of the system. **12-00** and **A** appear.

**Note:** If the system does not work after you reset it, remove the batteries, disconnect the system from the phone line and the AC outlet, replace the batteries with fresh ones (if necessary), then reconnect it and try resetting it again.

## CONNECTING TO A SINGLE PHONE LINE

The system connects to the phone line and your phone using two modular phone-line connectors. If your phone does not have this type of connector, you can get the necessary adapters at your local Radio Shack store. Or you can have the phone company update your phone wiring.

**Note:** The phone company can charge you to update phone wiring. The USOC number of the jack to be installed is RJ11C (for a single-line phone) or RJ14C (for a two-line phone).

Follow these steps to connect the system to the phone line.

1. Unplug the existing telephone's modular cord from the modular phone jack and plug this cord into the system's **PHONE** jack.
2. Plug the supplied modular cord into the system's **TEL. LINE** jack.
3. Plug the other end of the cord into the modular phone jack.

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## CONNECTING TO A TWO-LINE PHONE

To record information about calls received on a two-line phone, you can connect two systems using a triplex adapter (Cat. No. 279-402). Each system only records information about calls received on the line to which it is connected.

Follow these steps to connect two systems to a two-line phone.

1. Unplug the existing telephone's modular cord from the modular jack and plug it into **L1 + L2** on the triplex adapter.
2. Plug the triplex adapter into the modular jack.
3. Plug one end of the supplied modular cord into the **TEL. LINE** jack on one of the systems.
4. Plug the other end of the modular cord into either **L1** or **L2** on the triplex adapter.
5. Repeat Steps 3 and 4 to connect another system to the remaining open jack (**L1** or **L2**) on the triplex adapter.

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## CONNECTING TO AN ANSWERING MACHINE

1. Unplug the answering machine's modular cord from the modular jack and plug this cord into the system's **TEL. LINE** jack.
2. Plug one end of the supplied modular cord into the system's **PHONE** jack, then plug the other end of the cord into the answering machine's modular jack.
3. Set the answering machine to answer calls after at least two rings.

## SETTING THE LANGUAGE



You can set the system to display messages in English, French, or Spanish.

1. Repeatedly press **MODE** until the system displays **CALLER ID MODE**.
2. Press either **REVIEW** button. The system displays the total number of stored calls.
3. Refer to the following table to select the language

To Select:	Press and hold for 6 seconds:
English	Both <b>REVIEW</b> buttons.
French	<b>REVIEW</b> ↵
Spanish	↵ <b>REVIEW</b>



**Note:** If the system is set to a language other than English, the first time you do Step 3 the language changes to English. Simply do Step 3 again to select the language you want to use.

## ADJUSTING THE DISPLAY CONTRAST

1. Repeatedly press **MODE** until the system displays **CALLER ID MODE**.
2. Press either **REVIEW** button. The system displays the total number of stored calls.
3. Press and hold **READ** for about 6 seconds. The system displays **CONTRAST : XX**.
4. Press **REVIEW**  to increase contrast (up to 15) or  **REVIEW** to decrease it (down to 00).
5. Press **READ** to confirm the setting.

## STORING YOUR LOCAL AREA CODE

To correctly redial local calls, you need to store your local area code in the system. Follow these steps to store the area code.

1. Repeatedly press **MODE** until the system displays **(AREA CODE) : \_ \_ \_**.
2. Press **REVIEW**  to increase or  **REVIEW** to decrease the first digit.
3. Press **READ** to confirm the selected digit, the next digit flashes.
4. Repeat Steps 2-3 to set the next digits.
5. Press **MODE** to save the area code.



## OPERATION

### RECEIVING AND STORING CALLS

The system displays the current time and date sent by the telephone company as it receives its first caller ID record. The system also automatically displays all received caller ID information for every incoming call, including the call's time and date. As it receives calls, it stores the information in the system's memory for later recall, numbered with the newest records first. When the system's memory becomes full, old messages are deleted to make room for new messages.

#### New Calls

If the system has received a call since the last time it was reviewed (see "Reviewing Call Information"), and the call information appear on display. The message indicator also blinks.

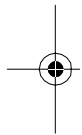


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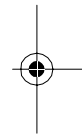
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## Messages Waiting

If you have a voice-mail message waiting (if you subscribe to the telephone company's message waiting service), MESSAGE lights steadily until you retrieve the message.



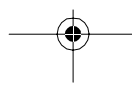
## Repeat Messages



If you have received calls from the same phone number more than one time, appears to show the number of repeat calls (to a maximum of 99).

## Long Distance Calls

The system displays **L-D-C** with each long distance call.



## Forwarded Calls

The system displays **Call Fd** instead of the phone number if the call was forwarded to you from a number set to forward all calls (using the phone company's call forwarding service). It displays **Call Fd BUSY** if the call was forwarded by the phone company's busy call forward service.

To see the telephone number of the original caller, press **READ**.

## Out of Area Calls

The system displays **-OUT OF AREA-** when:

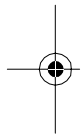
- The call originates from an area or long-distance carrier that does not support Caller ID.
- The call is an operator-assisted call.
- The call is from a cellular phone.
- The call was made using a calling card.



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**Note:** This list might not include all instances that cause **–OUT OF AREA–** to appear, and some instances included in the list might provide a Caller ID record in some areas.

### Private Calls

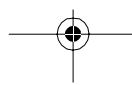


In some areas, callers have the option of blocking their Caller ID information. When a caller has blocked Caller ID, the system displays **–PRIVATE CALL–** instead of their call information when they call.



### Name- or Number-Only Calls

If the Caller ID information provided includes only the name or only the number, the system displays dashes instead of the missing information.



## Line Error

If there is an error in the Caller ID information transmission, **LINE ERROR** appears on the display.

**Note:** Minor electrical disturbances can affect the caller ID information. Occasional errors are normal. If the system frequently displays **LINE ERROR**, contact your local telephone company or Radio Shack store for assistance.

## CALL RECORDS

### Reviewing Call Records

You can review call information for up to 99 caller ID messages that have telephone number only or about 50 caller ID messages that have both the name and telephone number ( actual capacity depends on information sent).

To see how many calls are stored, press **↵ REVIEW** or **REVIEW ↵** when the system displays the time. The system displays the number of stored call records.

**Note:** If the display does not show the time, repeatedly press **MODE** until the system displays **CALLER ID MODE** before you press **↵ REVIEW** or **REVIEW ↵**.

To view individual call records, press **↶ REVIEW** to step back through the calls or **REVIEW ↷** to step forward through them.

#### Notes:

- If no call information is stored, the system displays **NO CALL** when you press **↶ REVIEW** or **REVIEW ↷**.
- If you do not press a button within 30 seconds, the system automatically returns to the time display.
- If a stored phone number is more than 12 characters, or a stored name is more than 15 characters, press **READ** to see the rest of the phone number/name.

#### Dialing Numbers in Call Records

Follow these steps to dial a number stored in a call record.

1. Lift your telephone's handset.
2. Recall the Caller ID record that has the phone number you want to dial (see "Reviewing Call Records").
3. Press **DIAL/REDIAL**. The system dials the number.

#### Notes:

- The system does not dial a number if the Caller ID record is name only.
- If the call's area code matches the area code you stored in the system, the system does not dial the area code.

### Deleting Call Records

You can select and delete individual call records, or all call records stored in the system.

**Note:** When the system's memory is full, it automatically deletes the oldest call record as a new call comes in.

Follow these steps to select and delete a *single* call record.

1. Recall the Caller ID record you want to delete (see "Reviewing Call Records").
2. Press **DELETE** twice. The system deletes that record and automatically rennumbers the remaining call records. After 30 seconds, the time reappears.

**Note:** If you do not press **DELETE** twice within 30 seconds, the system automatically returns to the current time display. Simply repeat this procedure.

Follow these steps to delete *all* call records.

1. Press either **↶ REVIEW** or **REVIEW ↷** when the system displays the time. The system displays the number of stored calls.
2. Press and hold **DELETE** until the system displays **NO CALL**. All records are deleted.

## VIP CALL LIST

Your system lets you save up to 20 phone numbers in its VIP call list. Whenever someone calls from one of those 20 numbers, your system sounds a special ring to alert you.

### Storing Call Records in the VIP Call List

**Note:** The number you store in the VIP call list must be in a Caller ID record. If necessary, call the person you want to add and ask them to call you back so you can store the record.

1. Recall the Caller ID record that has the phone number you want to dial (see "Reviewing Call Records").
2. Press **VIP INDEX** twice to store the displayed call record in the VIP call list. After 30 seconds, the current time appears on the display.



#### Notes:

- If you try to place more than 20 call records in the VIP call list, the system displays **MEMORY FULL**.
- If you do not press a button within 30 seconds, the system automatically returns to the current time display. Repeat this procedure.

### Reviewing and Deleting VIP Call Records

Follow these steps to review VIP call records.

1. Repeatedly press **MODE** until the system displays **VIP CALL MODE**.

**Note:** If there are no call records stored in the VIP call list, the system displays **NO VIP CALL**.

2. Press either **↶ REVIEW** or **REVIEW ↷**. The system displays the number of stored VIP calls.

**Note:** To delete all entries from the VIP call list, while the system displays the number of VIP records, press and hold **DELETE** until the system displays **NO VIP CALL**.

3. Repeatedly press either **↶ REVIEW** or **REVIEW ↷**. The system displays the VIP call records stored in the VIP call list.

**Note:** To delete an individual entry from the list, while the system displays the entry, press **DELETE** twice within 1 second.

#### Notes:

- If you do not press a button within 30 seconds, the system automatically returns to the current time display.
- If a phone number has more than 12 characters or a name has more than 15 characters, press **READ** to see the rest of the phone number/name.

#### Dialing from the VIP Call List

1. Lift your telephone's handset.
2. Select a VIP call record in the VIP call list, then press **DIAL/REDIAL**. The system dials the number.

#### Turning On/Off the VIP Call Special Tone

1. Repeatedly press **MODE** until the system displays either **VIP CALL ON** or **VIP CALL OFF**.
2. Press **READ** to switch between the two options.

**Note:** When you select **VIP CALL ON**, the system rings with a special tone.

## CARE AND MAINTENANCE

Your Radio Shack Caller ID System 350 is an example of superior design and craftsmanship. The following suggestions will help you care for your system so you can enjoy it for years.



Keep the system dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode the electronic circuits.



Use and store the system only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Handle the system gently and carefully. Dropping it can damage circuit boards and cases and cause the system to work improperly.



Use only fresh batteries of the required size and type. Always remove old or weak batteries. They can leak chemicals which can destroy electronic circuits.



Keep the system away from dust and dirt, which can cause premature wear of parts.



Wipe the system with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean your system.

Modifying or tampering with the system's internal components can cause a malfunction and might invalidate its warranty. If your system is not performing as it should, take it to your local Radio Shack store for assistance. If the trouble is affecting the phone lines, the phone company might ask you to disconnect your system until you have resolved the problem.

## **THE FCC WANTS YOU TO KNOW**

In the unlikely event that your system causes problems on the phone line, the phone company can temporarily disconnect your service. If this happens, the phone company attempts to notify you as soon as possible and advises you of your right file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of the system. The phone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of you phone service.

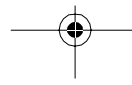
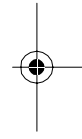
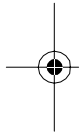
## **LIGHTNING**

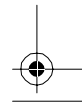
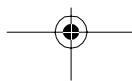
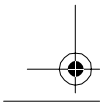
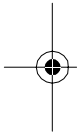
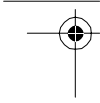
Your system has built-in protection circuits to reduce the risk of damage from surges in phone line or power line current. These protection circuits meet or exceed FCC requirements. However, lightning striking the phone line can damage your system.

Lightning damage is not common. However, if you live in an area that has severe electrical storms, we suggest that you unplug your system during storms to reduce the possibility of damage.



## NOTES





### RADIO SHACK LIMITED WARRANTY

This telephone product is warranted against manufacturing defects in material and workmanship for one (1) year from the date of purchase from Radio Shack company owned stores and authorized Radio Shack franchisees and dealers. Within this period **bring your Radio Shack sales slip** as proof-of-purchase date to any Radio Shack store.

This warranty does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning or other incidence of excess voltage, or any repairs other than those provided by a Radio Shack Authorized Service Facility, or transportation costs. **Radio Shack is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product or other damages with respect to loss of property, loss of revenue or profit, or costs of removal, installation or reinstallation.**

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not allow the limitation or exclusion of incidental or consequential damages and some states do not allow limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. There will be charges rendered for repairs to the product made after the expiration of the aforesaid one (1) year warranty period. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

*We Service What We Sell*

9/94

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**A Division of Tandy Corporation**  
**Fort Worth, Texas 76102**

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